

Ornamental Special

Ornamental Special 30-10-10^{PLUS} is a 3-1-1 ratio that produces excellent color, vigorous roots and rapid development of all nursery stock in containers or rows. It also promotes good color and lush foliage development in the greenhouse on ornamentals and is widely used on foliage plants and orchids.

Its high potential acidity promotes the maintenance of pH on the acid side. Its high ammoniacal nitrogen content, makes it an ideal feed for outdoor application in the warmer sunnier months. This formula's very low in biuret content, and it's high nitrogen meets the requirements for use with many forms of fir bark. Use on orchids, tropical foliage plants, container azaleas and nursery stock.

**MIXING RATE FOR
200 PPM NITRO-
GEN**

HOSEENDSPRAYER:
1:15 ratio- Premix
1.33 oz. per gallon (10
grams per litre).

TANK: 0.09 oz. per
gallon (0.67 grams
per litre).

PROPORTIONER:
1:100 ratio use 8.89
oz. per gal. of concen-
trate (67 grams per
litre).

OTHER RATIOS: Multi-
ply ratio times
weight divided by
100.

OTHER PPM: Multiply
desired PPM times
weight divided by
200. Increase or de-
crease PPM accord-
ing to crop response.

Guaranteed Analysis (For continuous liquid feeding)			
30-10-10+ Ornamental Special	Percent	Lbs/Ton	Concentration at 200 PPM
Total Nitrogen (N)	30%	600	200 PPM as N
3.10% Ammoniacal Nitrogen			
1.90% Nitrate Nitrogen			
25.00% Urea Nitrogen			
Available Phosphate (P ₂ O ₅)	10%	200	67 PPM as P ₂ O ₅
Soluble Potash (K ₂ O)	10%	200	67 PPM as K ₂ O
Magnesium (Mg)	0.05%	1.0	0.33 PPM as Mg
0.05% Water Soluble Magnesium (Mg)			
Sulphur (S) (Combined)	2.45%	49	16.33 PPM as S
Boron (B)	0.02%	0.4	0.13 PPM as B
Copper (Cu)	0.05%	1.0	0.33 PPM as Cu
0.05% Chelated Copper (Cu)			
Iron (Fe)	0.10%	2.0	0.67 PPM as Fe
0.10% Chelated Iron (Fe)			
Total Manganese (Mn)	0.05%	1.0	0.33 PPM as Mn
0.05% Chelated Manganese (Mn)			
Molybdenum (Mo)	0.0009%	.018	.006 PPM as Mo
Zinc (Zn)	0.05%	1	0.33 PPM as Zn
0.05% Chelated Zinc (Zn)			
Derived from Ammonium Phosphate, Ammonium Sulphate, Potassium Nitrate, Urea, Borax, Sodium Molybdate and the EDTA form of Copper, Iron, Manganese and Zinc. Potential acidity equivalent to 1117 lbs. Calcium Carbonate per ton.			

Nitrogen Parts Per Million Chart				
Injector Ratio	Ounces required per Gallon of concentrate			
	100 PPM	150 PPM	200 PPM	300 PPM
1:50	2.22	3.33	4.44	6.66
1:100	4.44	6.66	8.88	13.32
1:150	6.66	9.99	13.32	19.98
1:200	8.88	13.32	17.76	26.64
1:300	13.33	19.99	26.66	39.99

Based on 1/2 gallon per square foot coverage.
Two Tablespoons equals One Ounce (approximately)
One Cup equals One Pound (approximately)

Conductivity of 30-10-10+ using distilled water mixed at: (allow +/- 10%)	
50 PPM Nitrogen =	.11 Millimhos/CM
100 PPM Nitrogen =	.22 Millimhos/CM
150 PPM Nitrogen =	.33 Millimhos/CM
200 PPM Nitrogen =	.43 Millimhos/CM
300 PPM Nitrogen =	.66 Millimhos/CM
400 PPM Nitrogen =	.85 Millimhos/CM
500 PPM Nitrogen =	1.10 Millimhos/CM